## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/016575

According to In	ternational Patent Classification (IPC) or to both nation	nal classification and IPC	
3. FIELDS SE	nentation searched (classification system followed by	classification symbols)	
Int.Cl	7 G11B20/10-20/16, H03H15/00, H04B1/76-3/60, 7/005	17/00-17/08, 19/00-21/0	00,
Jitsuyo Kokai J		itsuyo Shinan Toroku Koho oroku Jitsuyo Shinan Koho	1996-2004 1994-2004
	ass construct turing the memational scator (name of	data outo and, whore practicable, scarell	ternis used)
. DOCUMEN	ITS CONSIDERED TO BE RELEVANT		γ····
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2002-269925 A (Matsushita Industrial Co., Ltd.), 20 September, 2002 (20.09.02) Par Nos. [0051], [0054] to [0 & WO 2002/073515 Al & US	), 0056]	1,2 3-10
Y A	<pre>JP 10-214458 A (Matsushita Electric Industrial Co., Ltd.), 11 August, 1998 (11.08.98), Par Nos. [0007], [0031], [0032] (Family: none)</pre>		1,2 3-10
Special categ	cuments are listed in the continuation of Box C.  ories of cited documents:	See patent family annex.  "T" later document published after the integrate and not in conflict with the application.	
to be of parti- earlier applic filing date document wi cited to estat special reason document ref	fining the general state of the art which is not considered cular relevance stion or patent but published on or after the international nich may throw doubts on priority claim(s) or which is plish the publication date of another citation or other (as specified) erring to an oral disclosure, use, exhibition or other means plished prior to the international filing date but later than the claimed	"X" document of particular relevance; the considered novel or cannot be considered to involve an inventive s combined with one or more other such being obvious to a person skilled in the "&" document member of the same patent for the principle of the p	laimed invention cannot be ered to involve an inventive laimed invention cannot be tep when the document is documents, such combination art
	completion of the international search mber, 2004 (17.12.04)	Date of mailing of the international seam 11 January, 2005 (1	
	address of the ISA/	Authorized officer	

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International application No.
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Category*	Citation of document, with indication, where appropriate, of the relevant passage	Relevant to claim No
Y	JP 02-260376 A (Toshiba Corp.),	Relevant to claim No
-	23 October, 1990 (23.10.90), Page 4, upper right column, lines 9 to 16; page 4, lower right column, lines 2 to 10 (Family: none)	2
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